

1 **(April 3, 2006)**

2 **High-Tension Cable Barrier**

3 A manufacturer's representative, or an installer that has been trained and certified
4 by the unit's manufacturer, shall supervise assembly and installation at all times.
5 Provide a copy of the installer's certification to the Engineer prior to installation.
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7 Assemble and install high-tension cable barrier according to the manufacturer's
8 recommendations. This shall include the connection to guardrail and the transition
9 and terminal sections identified in the Plans. Submit any Contractor proposed
10 modification in barrier location, type, terminal or transition to the Engineer for
11 approval a minimum of 10 days prior to any work in the affected section.
12

13 Unless otherwise stated in the Plans, all posts shall be a socket type assembly, with
14 the actual cable barrier post being inserted into a sleeve encased in a cast in place
15 or precast concrete post foundation, or a steel sleeve post foundation of a type and
16 model recommended by the manufacturer. On every sixth post, install yellow retro-
17 reflective sheeting that conforms to AASHTO M268 Type 4 adhesive sheeting on
18 both sides of the post.
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20 **Terminal Placement**

21 Unless otherwise stated in the Plans, the foundations for the high tension cable
22 barrier terminals shall be installed in accordance with manufacturers
23 recommendations. If a precast concrete foundation is installed, the bottom of the
24 unit shall have a full and even bearing on the surface under it. If there is a need for
25 backfilling an excavation for the concrete foundation, backfill the excavation in
26 accordance with Section 2-09.3(1)E.
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28 **Additional High-Tension Cable Barrier Components**

29 Furnish and deliver one complete set of High-Tension Cable Barrier to each of the
30 Contracting Agency sites listed below:

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34 Include the following components with each complete set:

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36 100 line posts and all associated hardware including but not limited to spacers,
37 connectors, straps, caps and covers. If the system has a special post to
38 accommodate turnbuckles, then five of the line posts shall be these special
39 posts.
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41 20 sockets except when cast in place concrete sockets are used.
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43 Three sections of high tension cable, each 20 feet long, with a manufacturers
44 approved splicing device attached to each end.
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46 Six field splice units to attach the ends to the existing cable.
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48 Two turnbuckles (tightening devices).
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50 One tension measuring device as recommended by the manufacturer.

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One anchor post designed for use with the foundations installed. ten line terminal posts and all associated hardware.

Provide forty-eight hours notice to both the Engineer and the maintenance contact listed above prior to delivery. Damaged items will not be accepted and shall be replaced at no cost to the Contracting Agency.